

# SESSION 1:

## *Opening – Background and Overview*

*Chair: Mr Scott Smouse  
Senior Management and Technical Advisor  
National Energy Technology Laboratory  
Department of Energy (DOE)  
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**SCOTT M SMOUSE**  
**Senior Management and Technical Advisor**  
**National Energy Technology Laboratory**  
**Department of Energy (DOE)**  
**United States**

Scott Smouse has over 20 years experience in nearly every aspect of fossil energy utilization and power generation. Since 1999, when the U.S. Department of Energy's National Energy Technology Laboratory (NETL) was formed, he has held the position of Senior Management and Technical Advisor-International. He coordinates all international activities within the Laboratory and works with senior Department and other U.S. government officials on various international initiatives. From 1996-1999, he was the Product Manager for International Activities in the former Federal Energy Technology Center's (FETC) Office of Fuels and Specialty Markets. In the past 6 years, he has worked with about 25 economies on a variety of cooperative research, development, and demonstration (RD&D) projects; and technology transfer and policy development activities.

From 1995-1996, he was a Project Development Manager in the former Pittsburgh Energy Technology Center's Office of Clean Coal Technology, where he managed several multi-million dollar cooperative CCT demonstration projects. From 1986-1995, he held several positions of increasing responsibility in the Coal Combustion R&D Division, including being the Leader of the Pilot-Scale Combustion Group. In these positions, he also was engaged in extensive RD&D and technical assistance activities with a number of foreign economies, including India, China, Korea, and South Africa.

He worked in the Fuels Technology Group at Babcock & Wilcox Company's Research & Development Center from 1984-1986, where he conducted fuel quality and combustion research. From 1981-1982, he was a Technical Specialist for the DUSCO Division of Dearborn Chemical Company, a subsidiary of W.R. Grace Corporation, providing support for the company's sales of fuel additives to the utility industry. He started his career in 1980 with Pope, Evans & Robbins, Inc. Consulting Engineers on their USDOE-funded 30-MW<sub>e</sub> Multi-Cell Atmospheric Fluidized Bed (AFB) Boiler Project as manager of their fuels and air quality testing laboratories.

He received a B.S. degree in Chemistry from Fairmont State College in 1980 and a M.S. degree in Fuel Science (Combustion) from Penn State University in 1984. He has been very active in the American Society of Mechanical Engineers, previously serving as the Chairman of the Fuels and Combustion Technology Division and currently, is the Member-at-Large for Long Range Planning. He is also the Chair Designee for the Expert Group on Clean Fossil Energy under the Asia Pacific Economic Cooperation (APEC) forum.